

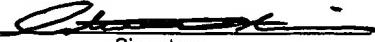


*J FW* /646  
CASE D0029 NP

**CERTIFICATE OF MAILING**

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Stephen C. D'Amico  
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7-25-06  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**IN RE APPLICATION OF**

**Art Unit: 1646**

**PEREZ-VILLAR ET AL.**

**Examiner: MERTZ, PREMA MARIA**

**APPLICATION NO: 09/966,955**

**FILED: SEPTEMBER 28, 2001**

**FOR: IDENTIFICATION AND CLONING OF A FULL-LENGTH HUMAN  
CLNK-RELATED GENE, MIST (MAST CELL IMMUNORECEPTOR  
SIGNAL TRANSDUCER)**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

Pursuant to the OG Notice of August 5, 2003 for U.S. national applications filed after June 30, 2003, the requirement for submitting a copy of each cited U.S. patent and each cited U.S. patent application publication is waived, copies of the U.S. patent and U.S. patent publications are not submitted. Copies of foreign patent documents and non-patent literature, if cited, are enclosed.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

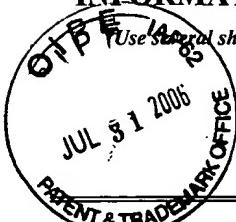
Respectfully submitted,

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(609) 252-5289

  
\_\_\_\_\_  
Stephen C. D'Amico  
Agent for Applicants  
Reg. No. 46,652

Date:

## INFORMATION DISCLOSURE CITATION



(Use several sheets if necessary)

ATTY. DOCKET NO.  
D0029 NP  
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PEREZ-VILLAR ET AL.  
FILING DATE  
SEPTEMBER 28, 2001

Group  
1646

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	6,831,151 B1	12/14/04	Ryo Goitsuka			
	AB	6,943,241 B2	9/13/05	Isogai, et al.			
	AC						
	AD						
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	AH						
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	AL						

## FOREIGN PATENT PUBLICATION DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AM	JP2005257347	9/22/05	JP			<input type="checkbox"/>	<input type="checkbox"/>
	AN	EP1308459A2	5/7/03	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AR	Bateman, et al., "The Pfam Protein Families Database", Nucl. Acids Res., Vol. 28 (1), pp. 263-266 (2000)
AS	Downward, Julian, "The GRB2/Sem-5 adaptor protein", FEBS Letters, Vol. 338, pp. 113-117 (1994)
AT	Gout, et al., "The GTPase Dynamin Binds to and Is Activated by a Subset of SH3 Domains", Cell, Vol. 75, pp. 25-36 (1993)

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	2AA	Hochuli, et al., "New Metal Chelate Adsorbent Selective For Proteins And Peptides Containing Neighbouring Histidine Residues", J. Chromatography, Vol. 411, pp. 177-184 (1987)
	2AB	Jackman, et al., Molecular Cloning of SLP-76, a 76-kDa Tyrosine Phosphoprotein Associated with Grb2 In T Cells", J. Biol. Chem., Vol. 270(13), pp. 7029-7032 (1995)
	2AC	Gilliland, et al., "Lymphocyte Lineage-restricted Tyrosine-phosphorylated Proteins That Bind PLC $\gamma$ 1 SH2 Domains", J. Biol. Chem., Vol. 267(19), pp. 13610-13616 (1992)
	2AD	Luckow, et al., "Efficient Generation of Infectious Recombinant Baculoviruses by Site-Specific Transposon-Mediated Insertion of Foreign Genes into a Baculovirus Genome Propagated in Escherichia coli", J. Virology, Vol. 67(8), pp. 4566-4579 (1993)
	2AE	Motto, et al., "In Vivo Association of Grb2 with pp116, a Substrate of the T Cell Antigen Receptor-activated Protein Tyrosine Kinase", J. Biol. Chem., Vol. 269(34), pp. 21608-21613 (1994)
	2AF	Myung, et al., "Adapter proteins in lymphocyte antigen-receptor signaling", Curr. Opin. Immunol., Vol. 12, pp. 256-266 (2000)
	2AG	O'Shea, et al., "Activation of human peripheral blood T lymphocytes by pharmacological induction of protein-tyrosine phosphorylation", PNAS, Vol. 89, pp. 10306-10310 (1992)
	2AH	Reif, et al., "SH3 Domains of the Adapter Molecule Grb2 Complex with Two Proteins in T Cells: The Guanine Nucleotide Exchange Protein Sos and a 75-kDa Protein That Is a Substrate for T Cell Antigen Receptor-activated Tyrosine Kinases", J. Biol. Chem., Vol. 269(19), pp. 14081-14087 (1994)
	2AI	Ren, et. al., "Abl protein-tyrosine kinase selects the Crk adapter as a substrate using SH3-binding sites", Genes Develop., Vol. 8, pp. 783-795 (1994)
	2AJ	Schrelber, S.L., "Immunophilin-Sensitive Protein Phosphatase Action in Cell Signaling Pathways", Cell., Vol. 70, pp. 365-368 (1992)
	2AK	Tagle, et al., "Magnetic bead capture of expressed sequences encoded within large genomic segments", Nature, Vol. 361, pp. 751-753 (1993)
	2AL	Tirona, et. al., "Polymorphisms in OATP-C", J. Biol. Chem., Vol. 276(38), pp. 35669-35675 (2001)
	2AM	Tuosto, et al., "p95 <sup>vav</sup> Associates with Tyrosine-phosphorylated SLP-76 in Antigen-stimulated T Cells", J. Exp. Med., Vol. 184, pp. 1161-1166 (1996)
	2AN	Heeke, et al., "Expression of Human Asparagine Synthetase In Escherichia coli", J. Biol. Chem., Vol. 264 (10), pp. 5503-5509 (1989)

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1646**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

3AA	Watanabe, et. al., "Four Tyrosine Residues in Phospholipase C-γ2, Identified as Btk-dependent Phosphorylation Sites, Are Required for B Cell Antigen Receptor-coupled Calcium Signaling", J. Biol. Chem., Vol. 276(42), pp. 38595-38601 (2001)
3AB	Wu, et al., "Vav and SLP-76 Interact and Functionally Cooperate in IL-2 Gene Activation", Immunity, Vol. 4, pp. 593-602 (1996)
3AC	Ye, et. al., "Binding of Vav to Grb2 through dimerization of Src homology 3 domains", PNAS, Vol. 91, pp. 12629-12633 (1994)
3AD	NCBI Entrez Accession No. AA166259 (gi:1744240), Marra M/Mouse Est Project, December 19, 1996
3AE	NCBI Entrez Accession No. AAW20767 (gi:56674094), Goitsuka, R., December 15, 2004
3AF	NCBI Entrez Accession No. ABA67702 (gi:77369954), Isogai, et al., October 7, 2005
3AG	NCBI Entrez Accession No. AF187819 (gi:6492365), Cao, et al., December 1, 1999
3AH	NCBI Entrez Accession No. BAC76765 (gi:30984140), Goitsuka, R., May 22, 2003
3AI	NCBI Entrez Accession No. NP_443196 (gi:42734366), Goitsuka, et al., November 29, 2005
3AJ	NCBI Entrez Accession No. XM_093920 (gi:42657102), NCBI Annotation Process, February 19, 2004
3AK	NCBI Entrez Accession No. NM_052964 (gi:42734365), Goitsuka, et al., November 29, 2005
3AL	NCBI Entrez Accession No. NP_443196 (gi:42734366), Goitsuka, et al., November 29, 2005
3AM	NCBI Entrez Accession No. XP_093920 (gi:27477858), NCBI's Annotation Process, February 19, 2004
3AN	NCBI Entrez Accession No. XP_520687 (gi:55666927), NCBI's Annotation Process, November 10, 2004

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

4AA	NCBI Entrez Accession No. XM_093920 (gi:37540655), NCBI's Annotation Process, October 17, 2003
4AB	Swiss-Prot Accession No. Q9P2U9, Integrated October 1, 2001, Annotations modified on May 30, 20064
4AC	
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Case No.: D0029 NP

Application No.: 09/966,953

Mailing Date: 7/25/06

Express Mail No.: \_\_\_\_\_

The Patent & Trademark Office acknowledges, and has stamped hereon the date of receipt of the items checked below:

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Sequence Listing \_\_\_\_\_ pages/disk

Statement of Verification

Preliminary Amendment

Executed/Unexecuted Declaration

Response to Missing Parts

Assignment Recordation Request

Response to Restriction Requirement

IDS

1449 Form 4 pages

No. Of References 37

Amendment/Response/Letter

Amendment After Final

Petition For Extension of Time

Notice of Appeal

Appeal Brief

Issue Fee Payment

Other

FM060019-1

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